Manual Rev.
1.01
21-31015
1/2019

REDLINE TUNING

Nissan Pathfinder (2013-2020) & Nissan Frontier (2005-2020)
QuickLIFT Installation Guide

Step 1 - Unpack QuickLIFT System and verify contents.

Remove all items from the packing tube. You should have the following before beginning:

* (2) Gas springs	(**RT-QL-170-6A**)
* (2) Hood brackets	PN: 32-00010
* (2) Fender ball-studs and washers	PN: 55-00030
* Printed Instructions	

Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

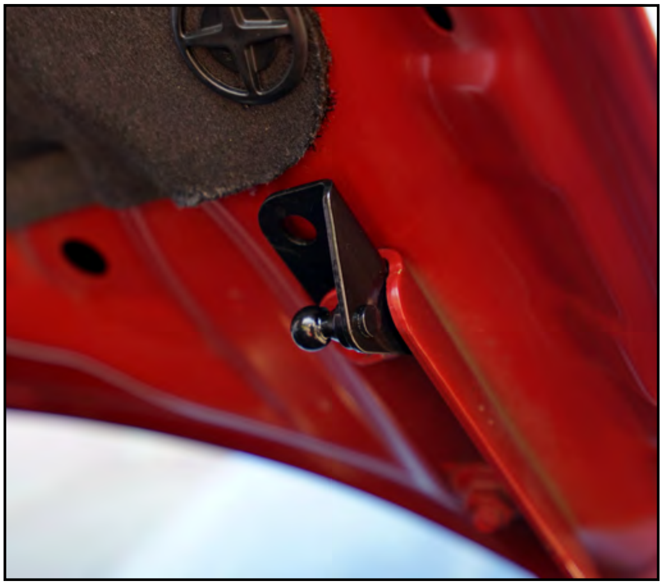
- Socket wrench with 10mm and 13mm sockets.
- Utility knife - cutting plastic trim

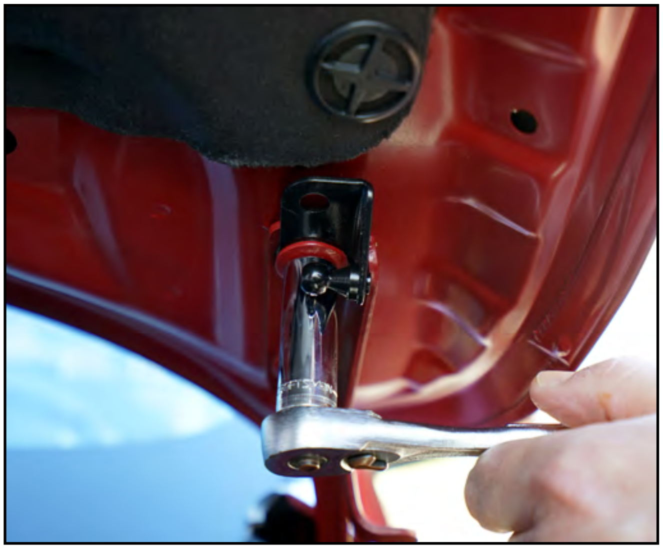
Step 3 - Mount hood brackets

A. Remove the upper hood bolt using a 13mm socket wrench.

B. Place one of the hood brackets over the upper hole such that the ball-stud is aiming toward the engine or inward as shown (upper hole in bracket not used). Tighten down the hood bolt.

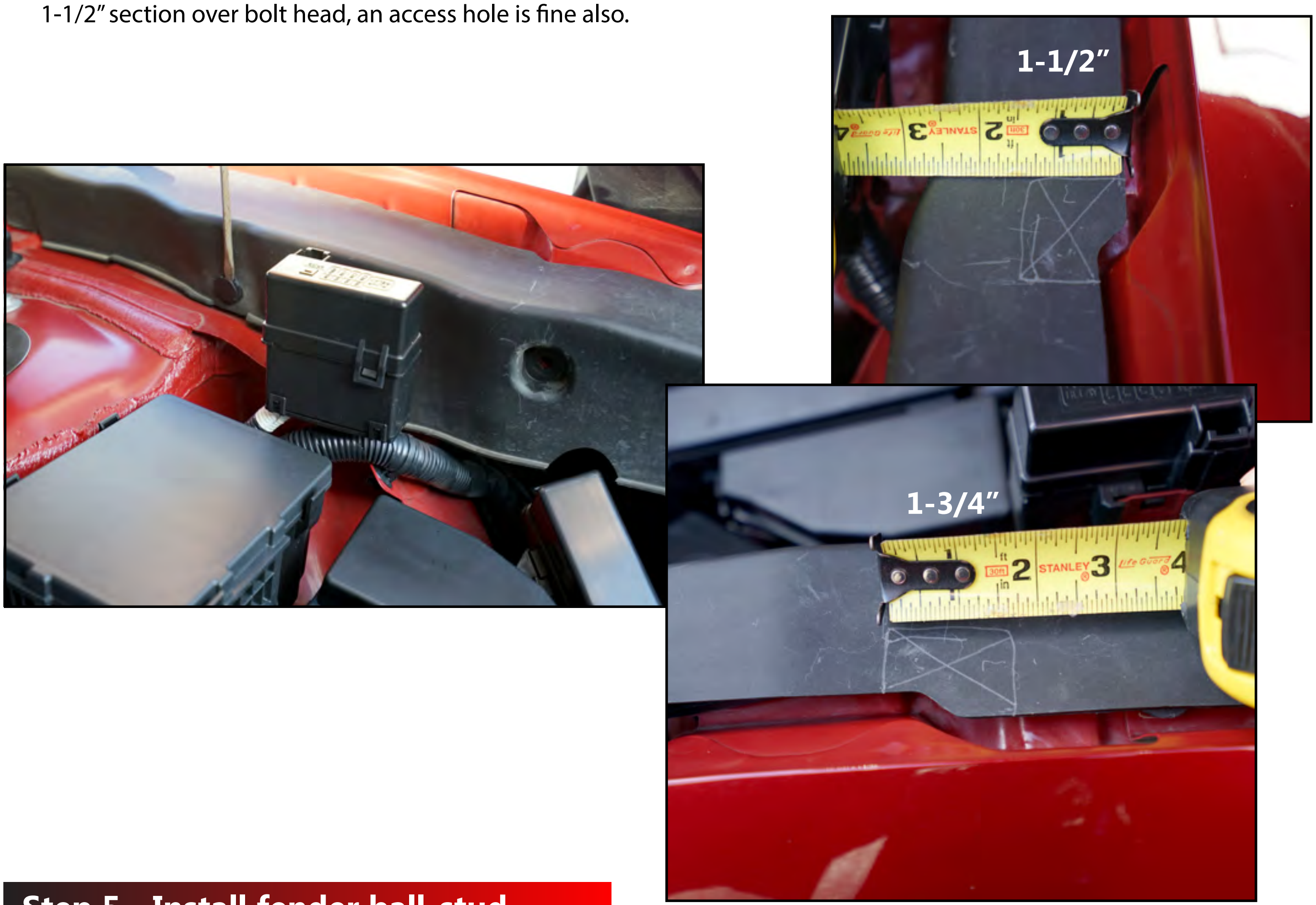
C. Repeat for the passenger side of vehicle.





Step 4 - Cut trim for ball-stud access

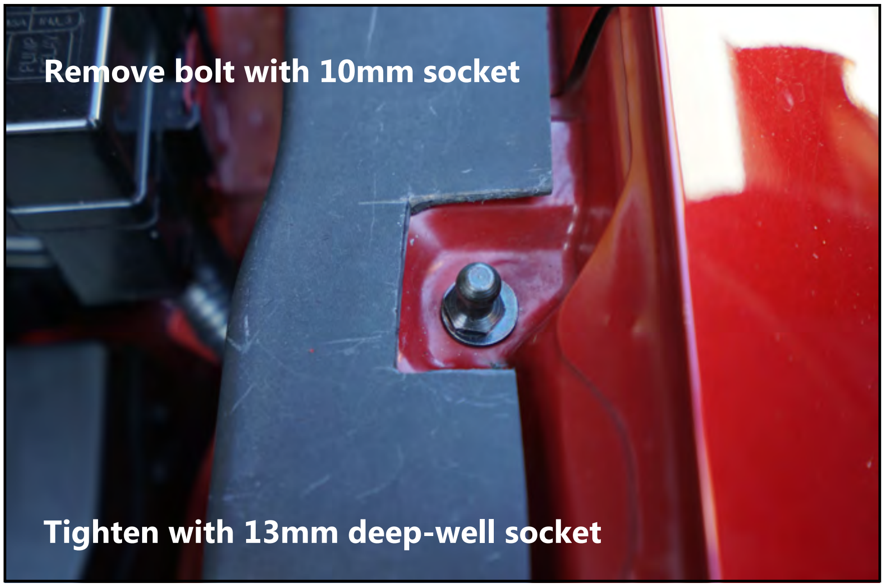
Driver's side - we are cutting an access to the 10mm bolt head on the fender as shown. Either cut section away over bolt head as shown, or mark center and drill 1" hole. The ball-stud will just need to fit thru the hole. We cut a 1-3/4" x 1-1/2" section over bolt head, an access hole is fine also.



Step 5 - Install fender ball-stud

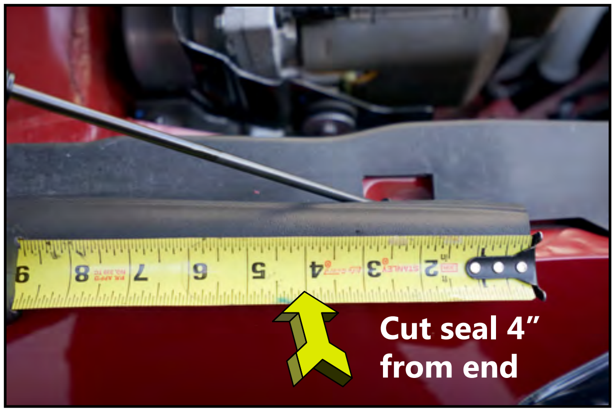
A. Remove fender bolt shown using a 10mm socket wrench on driver's (LH) side of vehicle.

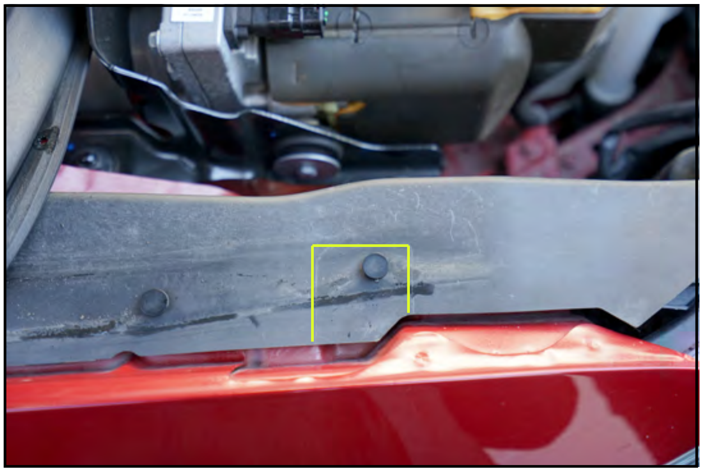
B. Replace bolt with ball-stud and washer and tighten down with 13mm socket.

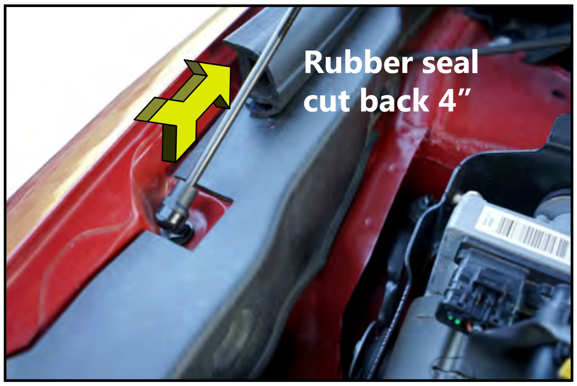

Remove bolt with 10mm socket
Tighten with 13mm deep-well socket

Step 6 - Trim rubber seal and plastic trim

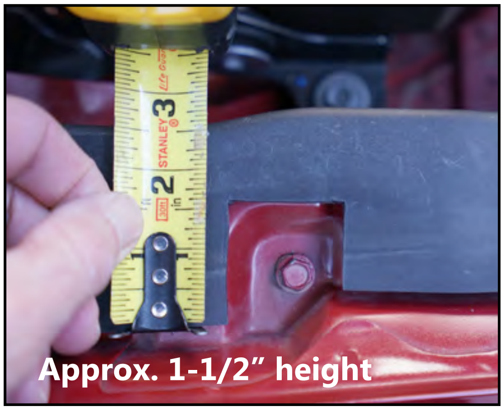
A. Cut off rubber seal 4" from the end at marked location on RH side of vehicle. Now, the first seal retention tab is visible. We will be cutting trim in this area for access to 10mm bolt.

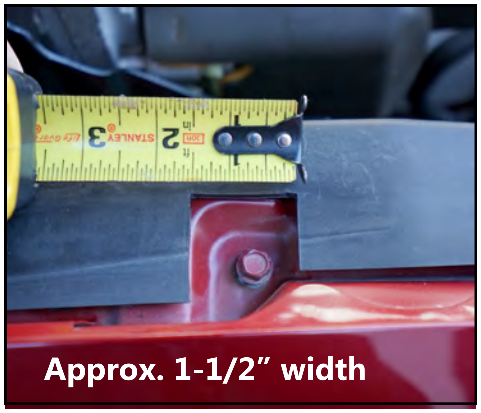






B. Cut plastic trim in area above bolt as shown above and below. Or, you can mark the center and drill access hole in trim directly over the bolt - either way will work.





C. Remove 10mm bolt. Then, using a 13mm socket, install ball-stud and washer in place of the 10mm bolt now visible under trim.

Step 7 - Install gas springs

A. Lower the prop rod and have a friend hold up your hood, firmly snap on large end of gas spring to the hood ball stud.

B. Then rock the sockets back and forth over the lower studs (spreading the metal c-clip) to snap them in place. You may have to twist the socket to align to ball-stud before snapping on.